

Design Update 2006-3
8/07/06

1) Guidance on use of HMA Initiative

See attached document

2) Standard Plan R-96-D

All projects being letting from October 2006 and beyond that require standard plan R-96-D need to have new updated erosion control numbers in the plans.

3) HMA application chart

All HMA application charts should reflect the new HMA bond coat at 0.05-0.15 gal per square yard in the chart.

4) Recessed Pavement Markings

Please note that the pay item has changed to Recessing Pavement Markings as per 03T811(A10).

5) If you know of new people in your TSC or Region that are not receiving this update that should, please let me (Gary Mazurek) know so they can be added to my list.

Regards,
Joel Ingle, Supervising OEC Plan Review Engineer
Tom VandenBerg, Supervising Plan Review Engineer
Gary Mazurek, OEC Plan Review
Carl Anderson, OEC Plan Review
Keith Claus, Road Plan Review
Jennifer Transue, OEC Bridge Plan Review
Radka Todorova, Bridge Plan Review

GUIDANCE ON USE OF HMA INITIATIVE

FREEWAY AND NON-FREEWAY PROJECTS: (warrantied and non-warrantied)

a. Superpave-add all HMA including handpatching, approaches and shoulders and divide by 2 = HMA INITIATIVE quantity (include 03SP504(C) SUPERPAVE HOT MIX ASPHALT PERCENT WITHIN LIMITS (PWL) in the proposal)

b. Marshall-all HMA over 2000 tons, add all HMA and divide by 2=HMA INITIATIVE quantity. (include 03SP504(B) FURNISHING AND PLACING MARSHALL HMA MIXTURE (WITH SAMPLING BEHIND THE PAVER) in the proposal)

c. Mixed (SUPERPAVE AND MARSHALL)-add all HMA including handpatching, shoulders and approach and divide by 2 = HMA INITIATIVE quantity (include 504B and 504C in the proposal)

NON-FREEWAY RESURFACING PROJECTS

a. Superpave - No HMA INITIATIVE paid. (include 03SP504(C) SUPERPAVE HOT MIX ASPHALT PERCENT WITHIN LIMITS (PWL) in the proposal and include the Notice to Bidders, example below) (The NTB will be included in the new PWL spec that is due later this year)

b. Marshall - No HMA INITIATIVE paid. (include 03SP504(B) FURNISHING AND PLACING MARSHALL HMA MIXTURE (WITH SAMPLING BEHIND THE PAVER) in the proposal)

CPM PROJECTS: (warrantied)

a. No HMA INITIATIVE paid. (do not include 504B and 504C in the proposal)

CPM PROJECTS: (non-warranty)

a. Superpave-add all HMA including handpatching, approaches and shoulders and divide by 2 =HMA INITIATIVE quantity (include 03SP504(C) SUPERPAVE HOT MIX ASPHALT PERCENT WITHIN LIMITS (PWL) in the proposal)

b. Marshall- No HMA INITIATIVE paid (include 03SP504(B) FURNISHING AND PLACING MARSHALL HMA MIXTURE (WITH SAMPLING BEHIND THE PAVER) in the proposal)

c. Mixed (SUPERPAVE AND MARSHALL)-add all HMA including handpatching, shoulders and approach and divide by 2 =HMA INITIATIVE quantity. (include 504B and 504C in the proposal)

MAINTENANCE FUNDED PROJECTS: FREEWAY PROJECT-

a. Superpave -add all HMA including handpatching, approaches and shoulders and divide by 2 =HMA INITIATIVE quantity. (include 03SP504(C) SUPERPAVE HOT MIX ASPHALT PERCENT WITHIN LIMITS (PWL) in the proposal)

b. Marshall- When over 2000 tons, add all HMA including handpatching, approaches and shoulders and divide by 2 =HMA INITIATIVE quantity. (include 03SP504(B) FURNISHING AND PLACING MARSHALL HMA MIXTURE (WITH SAMPLING BEHIND THE PAVER) in the proposal)

MAINTENANCE FUNDED PROJECTS: NON-FREEWAY PROJECT-

a. Superpave - No HMA INITIATIVE paid. (include 03SP504(C) SUPERPAVE HOT MIX ASPHALT PERCENT WITHIN LIMITS (PWL) in the proposal and include the Notice to Bidders, example below) (The NTB will be included in the new PWL spec that is due later this year)

b. Marshall - No HMA INITIATIVE paid. (include 03SP504(B) FURNISHING AND PLACING MARSHALL HMA MIXTURE (WITH SAMPLING BEHIND THE PAVER) in the proposal)

MULTIPLE JOB NUMBERS:

Treat each job number as an individual project when calculating the HMA INITIATIVE.

(Example of Notice to Bidders-edit the highlighted HMA mixture for each project.)

NOTICE TO BIDDERS

**SUPERPAVE HOT MIX ASPHALT
PERCENT WITHIN LIMITS (PWL)**

All costs associated with the work described in the Special Provision for Superpave Hot Mix Asphalt Percent Within Limits (PWL) will be included in the applicable unit prices for the related HMA mixtures. **(HMA, 5E30)** will be paid by weight as specified in subsection 502.04 of the Standard Specification for Construction and the contract documents.

Payment for HMA pay items will be based on the contract prices for the completed items of work as adjusted according to the Special Provision for Superpave Hot Mix Asphalt Percent Within Limits (PWL) except as described below. Adjusted payment for HMA, (type) will be calculated on a lot-by-lot basis.

If the calculated overall lot pay factor (OLPF) is 100 or greater then the OLPF will be 100. (If $OLPF \geq 100$ then $OLPF = 100$)

HMA Quality HMA INITIATIVE will not be paid for on this project.